

This is the monthly newsletter of the LANL Engineering Standards Program. The Standards are mandatory documents that define the minimum design criteria, fabrication, and installation practices to ensure that the design, repair, and alteration of LANL facilities, and the programmatic equipment within them. [\[IMP 342\]](#)

Topics this month:

- **Electrical Standards Course June 1**
- **Building, Mechanical, and Plumbing Code Classes**
- **Drafts for Labwide Review**
- **LANL Standards Issued in March**
- **DOE Standards Actions**

The Standards Homepage: <http://engstandards.lanl.gov/>

### **ELECTRICAL STANDARDS COURSE JUNE 1**

LANL Electrical Engineering Standards Course 17998 will be taught from 8am-4pm in White Rock on Thursday, June 1. There is no cost. Course covers the electrical engineering standards in Chapter 7 of the LANL Engineering Standards

Manual and discusses mandatory requirements and good practices for those involved in electrical design. Strongly suggested for electrical designers, electrical engineers, electrical safety officers, and facility managers. Reserve through PS-13 using link below or call 7-0059 or e-mail [esh-registration@lanl.gov](mailto:esh-registration@lanl.gov)

[http://eshtraining.lanl.gov/pls/gencouraxs/Cour\\_By\\_Number?CourseNumber=17998](http://eshtraining.lanl.gov/pls/gencouraxs/Cour_By_Number?CourseNumber=17998)

### **BUILDING, MECHANICAL, AND PLUMBING CODE CLASSES**

The Standards Program may sponsor PS-13 classes on the IBC, UMC, and UPC, all of which are used at LANL, in coming weeks. To join the waitlist for any of these, follow the links below.

IBC [http://eshtraining.lanl.gov/pls/gencouraxs/Cour\\_By\\_Number?CourseNumber=14742](http://eshtraining.lanl.gov/pls/gencouraxs/Cour_By_Number?CourseNumber=14742)

UMC [http://eshtraining.lanl.gov/pls/gencouraxs/Cour\\_By\\_Number?CourseNumber=14745](http://eshtraining.lanl.gov/pls/gencouraxs/Cour_By_Number?CourseNumber=14745)

UPC [http://eshtraining.lanl.gov/pls/gencouraxs/Cour\\_By\\_Number?CourseNumber=14746](http://eshtraining.lanl.gov/pls/gencouraxs/Cour_By_Number?CourseNumber=14746)

### **DRAFTS FOR LABWIDE REVIEW**

A slightly revised Welding and Joining Program (ESM Ch 13) is available for labwide review until April 11.

The most significant changes are: clarifies application to subcontracted welding (Gen'l Welding Std -GWS 1-01 & 1-09), clarifies requirements for procured welded items or services (1-02), addresses issue station assessments (1-03), and expands upon welding safety training (1-10).

The documents are clearly marked with the revisions and available on the [homepage](#) via the bold [Drafts in Review](#) link near the lower right. Please send comments to POC Kelly Bingham; the comment form is on the Drafts webpage.

## **LANL STANDARDS ISSUED IN MARCH**

### **LANL Engineering Standards Manual ISD 342-1**

#### **Chapter 13 -- Welding & Joining**

##### **Volume 1 -- General Welding Standards**

-- Reposted the LANL [Approved AWS-CWI's](#) (ref doc under GWS 1-03)

##### **Volume 3 -- Welding Procedure Specs**

-- **7000-PVC** Fabric Rev. 0 dated 10/11/05 (New)

### **LANL Master Specifications Manual ISD 342-2**

**07 4113 Rev. 1** Metal Roof Panels – General Updating of code and standards references, and deletion of requirement to train and certify SSS by manufacturer.

**07 6200 Rev. 1 – Sheet Metal Flashing and Trim** General updating of standards references; Correction of typos; and elimination of certification submittal requirement for lead paint and asbestos-free products which are no longer available.

**08 9100 Rev. 1** Louvers

**22 1343.16 Rev. 0** Facility Wet-Well Packaged Sewage Pumping Stations (Interior) -- New

**23 2213 Rev. 1** Steam and Condensate Heating Piping Added designer note to 1.3A

**33 3200 Rev. 1** Wastewater Utility Pumping Stations

## **DOE STANDARDS ACTIONS**

[Preparation Guide for U.S. Department of Energy Nonreactor Nuclear Facility Documented Safety Analyses](#) -- Chg Notice 3

(03/24/2006) issued <http://www.eh.doe.gov/techstds/standard/standard.html>

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To request a change to this newsletter's distribution contact Tobin Oruch, [oruch@lanl.gov](mailto:oruch@lanl.gov).

Previous issues of this Update are available; click "Monthly Update" below the Google search on the Standards homepage <http://engstandards.lanl.gov/>

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